## What is claimed is:

- 1 1. An apparatus for use in a well, comprising:
- 2 a slickline having a fiber optic line therein.
- 1 2. The apparatus of claim 1, wherein the slickline comprises a bore through which the fiber
- 2 optic line extends.
- 1 3. The apparatus of claim 2, further comprising another fiber optic line that extends through
- 2 the bore of the slickline.
- 1 4. The apparatus of claim 1, further comprising longitudinally-extending support structures
- 2 to add strength to the slickline.
- 1 5. The apparatus of claim 4, wherein the longitudinally-extending support structures include
- 2 support fibers.
- 1 6. The apparatus of claim 1, further comprising a tool attached to the slickline.
- 1 7. The apparatus of claim 6, wherein the tool comprises a sensor, the apparatus further
- 2 comprising a modulator to modulate optical signals to represent a well characteristic detected by
- 3 the sensor.
- 1 8. The apparatus of claim 7, wherein the sensor comprises a casing collar locator.
- 1 9. The apparatus of claim 7, wherein the modulator comprises an obstacle and a reflective
- device, the obstacle and reflective device movable with respect to each other to modulate the
- 3 optical signals.

- 1 10. The apparatus of claim 9, wherein the obstacle and the reflective device have at least two
- 2 relative positions, the obstacle blocking at least a portion of reflected light from the reflective
- device in response to the obstacle and the reflective device being at a first relative position, and
- 4 the obstacle to allow a greater amount of reflected light to pass from the reflective device to the
- 5 fiber optic line in response to the obstacle and the reflective device being at a second position.
- 1 11. The apparatus of claim 10, wherein the reflective device comprises a mirror.
- 1 12. The apparatus of claim 9, wherein the obstacle modulates an amount of reflected light
- 2 transmitted by the reflective device to the fiber optic line.
- 1 13. The apparatus of claim 12, wherein the reflective device is adapted to receive transmitted
- 2 light transmitted by an optical transmitter into the fiber optic line, and to reflect the received light
- 3 as the reflected light.
- 1 14. The apparatus of claim 7, wherein the modulator comprises a spinner to modulate the
- 2 optical signals.
- 1 15. The apparatus of claim 6, wherein the tool is adapted to receive an actuation command
- 2 through the fiber optic line.
- 1 16. The apparatus of claim 1, wherein the slickline is adapted to support a weight of greater
- 2 than or equal to 500 pounds.
- 1 17. The apparatus of claim 1, wherein the slickline is a conveyance structure without an
- 2 electrical conductor to communicate power or data.
- 1 18. The apparatus of claim 1, wherein the slickline is a conveyance structure that does not
- 2 communicate power or data separate from the fiber optic line.

- 1 19. The apparatus of claim 6, wherein the tool comprises an optical transmitter to transmit
- 2 optical signals over the fiber optic line.
- 1 20. An apparatus comprising:
- a conveyance structure for inserting or removing a tool into or out of a wellbore; and
- a fiber optic line extending through the conveyance structure;
- 4 the conveyance structure not being used to transmit power or data therethrough separate
- 5 from the fiber optic line.
- 1 21. The apparatus of claim 20, wherein the conveyance structure comprises a conveyance
- 2 tube.
- 1 22. The apparatus of claim 21, wherein the conveyance tube has a diameter less than about
- 2 0.5 inch.
- 1 23. The apparatus of claim 20, wherein the conveyance structure comprises a bore through
- 2 which the fiber optic line extends.
- 1 24. The apparatus of claim 20, further comprising another fiber optic line disposed in the
- 2 conveyance structure.
- 1 25. The apparatus of claim 20, wherein the conveyance tube is formed of a steel material.
- 1 26. The apparatus of claim 20, further comprising a modulator to modulate optical signals to
- 2 represent an event associated with the tool.
- 1 27. The apparatus of claim 26, wherein the modulator comprises an obstacle and a reflective
- 2 device, the obstacle and reflective device movable with respect to each other to modulate the
- 3 optical signals.

- 1 28. The apparatus of claim 27, wherein the obstacle modulates an amount of reflected light
- 2 transmitted by the reflective device to the fiber optic line.
- 1 29. The apparatus of claim 28, wherein the reflective device is adapted to receive transmitted
- 2 light transmitted by an optical transmitter into the fiber optic line, and to reflect the received light
- 3 as the reflected light.
- 1 30. The apparatus of claim 26, wherein the modulator comprises a spinner to modulate the
- 2 optical signals.
- 1 31. The apparatus of claim 30, wherein the spinner comprises a blade rotatable at different
- 2 rates to modulate the optical signals differently.
- 1 32. A device for a well, comprising:
- 2 a reflective device; and
- a modulator to modulate reflected light from the reflective device based on a
- 4 predetermined condition.
- 1 33. The device of claim 32, wherein the reflective device is adapted to receive light from a
- 2 fiber optic line and to reflect light back to the fiber optic line.
- 1 34. The device of claim 32, wherein the modulator comprises an obstacle, the obstacle and
- 2 reflective device being movable with respect to each other to determine an amount of light
- 3 reflected from the reflective device.
- 1 35. The device of claim 34, wherein the obstacle comprises a magnet movable in response to
- 2 proximity to a casing collar.
- 1 36. The device of claim 34, further comprising an actuator to move at least one of the
- 2 obstacle and mirror in response to the predetermined condition.

- 1 37. The device of claim 34, further comprising a casing collar locator, the actuator to receive
- data from the casing collar locator and to move the at least one of the obstacle and mirror based
- 3 on the received data.
- 1 38. A well tool system, comprising:
- a downhole power source in a downhole tool;
- a fiber optic line extending from the tool to the surface; and
- 4 a conveyance for running the tool and fiber optic line into the well and retrieving at least
- 5 a portion of the fiber optic line from the well.